

Form PTO-1449
(REV. 7-80)

FEB 07 2001

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
UF-243XSERIAL NO.
09/648,864

INFORMATION DISCLOSURE STATEMENT

(Check entry if necessary)

APPLICANT(S): Howard M. Johnson, Mustafa G. Mujtaba

FILING DATE
August 25, 2000GROUP
1616

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

914	AH	Oldham, Robert K. (1985) "Biologicals for Cancer Treatment: Interferons" <i>Hospital Practice</i> 20(12):71-91
	AI	Heeke, Gino Van et al. (1996) "High Yield Expression and Secretion of the Ovine Pregnancy Recognition Hormone Interferon - γ by <i>Pichia pastoris</i> " <i>Journal of Interferon and Cytokine Research</i> 16:119-126.
	AJ	Soos, Jeanne M. et al. (1995) "Type I Interferon Inhibition of Superantigen Stimulation: Implications for Treatment of Superantigen-Associated Disease" <i>Journal of Interferon and Cytokine Research</i> 15:39-45.
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Form PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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APPLICANT(S): Howard M. Johnson, Mustafa G. Mujtaba

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

92a	AH	Bazer, F.W. et al. (1989) "Effect of Ovine Trophoblast Protein-1 (oTP-1) on Replication of Feline (FIV) and Human (HIV) Immunodeficiency Viruses" <i>Biol. Reprod.</i> 40(Suppl):63. ✓
	AI	Imakawa, K. et al. (1987) "Interferon-like Sequence of Ovine Trophoblast Protein Secreted by Embryonic Trophectoderm" <i>Nature</i> 330:377-379. ✓
	AJ	Johnson, H.M. et al. (1994) "How Interferons Fight Disease" <i>Sci. Am.</i> 270(5):68-75. ✓
	AK	Subramaniam, P.S. et al. (1995) "Differential Recognition of the Type I Interferon Receptor by Interferons τ and α is Responsible for Their Disparate Cytotoxicities" <i>Proc. Natl. Acad. Sci.</i> 92:12270-12274. ✓
	AL	Pontzer, C.H. et al. (1994) "Structure/Function Studies with Interferon Tau: Evidence for Multiple Active Sites" <i>Journal of Interferon Research</i> 14:133-141. ✓
	AM	Dolen, J.G. et al. (1995) "Undetectable Interferon- α Serum Levels in a Patient with Atopic Dermatitis" <i>Journal of Interferon Cytokine Res.</i> 15:973-975. ✓
	AN	Soos, J.M. et al. (1995) "The IFN Pregnancy Recognition Hormone IFN- τ Blocks Both Development and Superantigen Reactivation of Experimental Allergic Encephalomyelitis Without Associated Toxicity" <i>J Immunol.</i> 155:2747-2753. ✓
	AO	Lack, G. et al. (1996) "Nebulized IFN- γ Inhibits the Development of Secondary Allergic Responses in Mice" <i>J Immunol.</i> 157(4):1432-1439. ✓
	AP	Finter, N.B. et al. (1991) "The Use of Interferon- α in Virus Infections" <i>Drugs</i> 42(5):749-765. ✓
	AC	Gruschwitz, M.S. et al. (1993) "Effects of Interferon-Alpha-2b on the Clinical Course, Inflammatory Skin Infiltrates and Peripheral Blood Lymphocytes in Patients with Severe Atopic Eczema" <i>Int. Arch. Allergy Immunol.</i> 101:20-30. ✓
	AR	Whaley, A.E. et al. (1994) "Identification and Cellular Localization of Unique Interferon mRNA from Human Placenta" <i>J. Biol. Chem.</i> 269(14):10864-10868. ✓
	AS	Hamelmann, E. et al. (1996) "Requirement for CD8 ⁺ T Cells in the Development of Airway Hyperresponsiveness in a Murine Model of Airway Sensitization" <i>J. Exp. Med.</i> 183:1719-1729. ✓
	AT	Kay, A.B. et al. (1992) "Eosinophils and Neutrophils" <i>British Medical Bulletin</i> 48(1):51-64. ✓

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APPLICANT(S): Howard M. Johnson, Mustaf S. Mujtaba

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INFORMATION DISCLOSURE STATEMENT

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gpc	AH	Bazer, F.W. <i>et al.</i> (1991) "Type I Conceptus Interferons Maternal Recognition of Pregnancy Signals and Potential Therapeutic Agents" <i>Am. J. Reprod. Immunol.</i> 26:19-22. /
	AI	Hofstra, C.L. <i>et al.</i> (1998) "Differential Effects of Endogenous and Exogenous Interferon- γ on Immunoglobulin E, Cellular Infiltration, and Airway Responsiveness in a Murine Model of Allergic Asthma" <i>Am. J. Respir. Cell Mol. Biol.</i> 19(5):826-835. /
	AJ	Hamelmann, E. <i>et al.</i> (1997) "Allergen-Specific IgE and IL-5 are Essential for the Development of Airway Hyperresponsiveness" <i>Am. J. Respir. Cell Mol. Biol.</i> 16:674-682. /
	AK	Davis, G.L. <i>et al.</i> (1989) "Treatment of Chronic Hepatitis C with Recombinant Interferon Alfa" <i>N. Engl. J. Med.</i> 321(22):1501-1506. /
	AL	Quesada, J.R. <i>et al.</i> (1984) "Alpha Interferon for Induction of Remission in Hairy-Cell Leukemia" <i>N. Engl. J. Med.</i> 310(1):15-18. /
	AM	Godkin, J.D. <i>et al.</i> (1982) "Purification and Properties of a Major, Low Molecular Weight Protein Released by the Trophoblast of Sheep Blastocysts at Day 13-21" <i>J. Reprod. Fert.</i> 65:141-150. /
	AN	Kashima, H. <i>et al.</i> (1988) "Interferon Alfa-N1 (Wellferon) [®] in Juvenile Onset Recurrent Respiratory Papillomatosis: Results of a Randomized Study in Twelve Collaborative Institutions" <i>Laryngoscope</i> 98(3):334-340. /
	AO	Mancino, D. <i>et al.</i> (1980) "Adjuvant Effects of Amorphous Silica and of Aluminium Hydroxide on IgE and IgG ₁ Antibody Production in Different Inbred Mouse Strains" <i>Int. Archs. Allergy Appl. Immun.</i> 61:253-258. /
	AP	Revoitella, R. <i>et al.</i> (1969) "Preferential Production of Rabbit Reaginic Antibodies" <i>Int. Arch. Allergy</i> 36:282-289. /
	AQ	Miguel, N.M.R. <i>et al.</i> (1977) "Effect of Aluminium Hydroxide Gel on the Secondary Response in Mice" <i>Int. Archs. Allergy Appl. Immun.</i> 54:382-384. /
	AR	Beck, L. <i>et al.</i> (1989) "The Polyclonal and Antigen-Specific IgE and IgG Subclass Response of Mice Injected with Ovalbumin in Alum or Complete Freund's Adjuvant" <i>Cellular Immunol.</i> 123:1-8. /
	AS	Nilsson, K. <i>et al.</i> (1970) "Established Immunoglobulin Producing Myeloma (IgE) and Lymphoblastoid (IgG) Cell Lines From an IgE Myeloma Patient" <i>Clin. Exp. Immunol.</i> 7:477-489. /
	AT	Rothman, P. <i>et al.</i> (1988) "Mitogen Plus Interleukin 4 Induction of C ϵ Transcripts in B Lymphoid Cells" <i>J. Exp. Med.</i> 168:2385-2389. /

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09/648,864INFORMATION DISCLOSURE STATEMENT
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APPLICANT(S): Howard M. Johnson Mustafa G. Mujtaba

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U.S. PATENT DOCUMENTS

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	Wei, C.F. et al. (1983) "Isolation and Comparison of Two Molecular Species of the BAL 31 Nuclease from <i>Alteromonas espejiana</i> with Distinct Kinetic Properties" <i>J. Biol. Chem.</i> 258(22):13506-13512. ✓
AI	Bonnem, E.M. et al. (1984) "Interferon- α : Current Status and Future Promise" <i>J. Biol. Response Modifiers</i> 3(6):580-598. ✓
AJ	Lanzavecchia, A. et al. (1984) "In vitro Stimulation of IgE Production at a Single Precursor Level by Human Alloreactive T Helper Clones" <i>Clin. Exp. Immunol.</i> 55:197-203. ✓
AK	Warner, N.L. et al. (1968) "Immunoglobulin Classes in Antibody Responses in Mice I. Analysis By Biological Properties" <i>Immunology</i> 14:725-734. ✓
AL	Benoit, P. et al. (1993) "A Monoclonal Antibody to Recombinant Human IFN- α Receptor Inhibits Biological Activity of Several Species of Human INF- α , IFN- β , and IFN- ω " <i>Journal of Immunology</i> 150(3):707-716. ✓
AM	Coffman, R.L. et al. (1986) "B Cell Stimulatory Factor-1 Enhances the IgE Response of Lipopolysaccharide-Activated B Cells" <i>Journal of Immunology</i> 136(12):4538-4541. ✓
AN	Coffman, R.L. et al. (1986) "A T Cell Activity That Enhances Polyclonal IgE Production and Its Inhibition by Interferon- γ " <i>Journal of Immunology</i> 136(3):949-954. ✓
AO	Mujtaba, M.G. et al. (1998) "IFN- τ Suppresses Both the Autoreactive Humoral and Cellular Immune Responses and Induces Stable Remission in Mice with Chronic Experimental Allergic Encephalomyelitis" <i>Cellular Immunology</i> 186:94-102. ✓
AP	Soos, J.M. et al. (1997) "Oral Feeding of Interferon τ Can Prevent the Acute and Chronic Relapsing Forms of Experimental Allergic Encephalomyelitis" <i>Journal of Neuroimmunology</i> 75:43-50. ✓
AQ	Mujtaba, M.G. et al. (1997) "CD4 T Suppressor Cells Mediate Interferon Tau Protection Against Experimental Allergic Encephalomyelitis" <i>Journal of Neuroimmunology</i> 75:35-42. ✓
AR	Pontzer, C.H. et al. (1991) "Antiproliferative Activity of a Pregnancy Recognition Hormone, Ovine Trophoblast Protein-1" <i>Cancer Research</i> 51:5304-5307. ✓
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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANT(S): Howard M. Johnson, Mustafa G. Mujtaba										
				FILING DATE August 25, 2000		GROUP 1616								
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	AI	9	7	3	9	1	2	7	10/23/97	WO	-	-		
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	AK	9	6	2	8	1	8	3	9/19/96	WO	-	-		
	AL	9	4	1	0	3	1	3	5/11/94	WO	-	-		
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>														
	AM	Mujtaba, M.G. <i>et al.</i> (1999) "IFN- γ Inhibits IgE Production in a Murine Model of Allergy and in an IgE-Producing Human Myleoma Cell Line" <i>J Allergy Clin Immunol</i> 104(5):1037-1044.												
	AN	Mujtaba, M.G. <i>et al.</i> (1999) "IFN- γ Inhibits IgE Production in a Murine Model of Allergy and in an IgE-Producing Human Myleoma Cell Line" <i>FASEB Journal</i> 13(4):A337, XP-000943709, abstract only.												
	AO	Kimata, H. <i>et al.</i> (1995) "Interferon-alpha Treatment for Severe Atopic Dermatitis" <i>Allergy</i> 50:837-840.												
	AP	Savelkoul, H.F.J. <i>et al.</i> (1993) "Regulation of In Vivo IgE Responses by IL-4 and IFN- γ " <i>Journal of Cellular Biochemistry Suppl.</i> pp. 118, XP-000943455, abstract only.												
	AQ	Chen Y.L. <i>et al.</i> (1998) "Mosquito Allergy: A Mouse Model for Study of Antigen-Specific IgE and IgG Subclass Responses, Lymphocyte Proliferation, and IL-4 and IFN- γ Production" <i>Journal of Allergy and Clinical Immunology</i> 101:S158.												
	AR	Wang, H. <i>et al.</i> (1999) "Role of Interleukin-4 and Interferon- γ in Pathogenesis of Asthma" <i>Chemical Abstracts</i> , vol. 130, no. 13, p. 529, Columbus, Ohio, US, abstract no. 166970u.												
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